



Focus Applied Technologies Snd. Bhd.

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FIRMWARE ENGINEER

We are seeking a Firmware Engineer to help in the maintenance and further development of micro-controller based products (for eg. “Smart LPG Gas Dispensers” with GSM communications, dynamometer controllers, 32 unit bank battery charger/checker stations and etc.). The job will be based in Bandar Baharu Kedah, Malaysia and may be required to travel various destinations around the world including China, and the USA.

The work will mostly consist of making changes to existing products and systems to upgrade and work with customers to resolve any problems. Future product revisions will be handled, as well as development of new products. This will entail both working with our hardware/firmware team, and discussing changes with customers. The successful candidate will receive extensive training in functioning of the systems, GSM communications and electrical and mechanical power systems.

The candidate must have the following capabilities:

- Ability to read and write technical English, speak Malay and Mandarin Chinese
- Ability to communicate technical specifications and details effectively
- Exceptional talent in writing microcontroller code
- Ability to travel on his own to international destinations.
- Ability to operate basic shop equipment including power supplies, volt meters and digital oscilloscopes, hand tools.
- Familiarity with computer – device communications such as USB, Serial, GSM and other communication protocols.

Ideally the candidate also has the following capabilities:

- Understands the fundamentals cellular data communications (GSM)
- Know Pic Basic and/or C’ for microcontrollers
- Be able to develop GUIs in Visual Basic
- Has experience in server side programming

For inquiries, please do not hesitate to call us.

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